

Distr: 4E2c

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1-1111-1111
/ Chromium plating of aluminum and its alloys. Ladugås
Zak. Jerry Ertich, and Konrad Schmidt. "....." 1958
S. 7-11 (1958). Al and Al alloys may be plated in the
usual baths after a previous application of a protective Zn
or brass layer, which prevents the oxid. of the cleaned sur-
face. A bath with the compn. Zn 90, NaOH 450, CuCN
7.5 g./l. is suitable. The protective layer is dissolved away
in the Cr bath before Cr plating. The end of the solu-
process is detd. polarographically. The contaminations
(Cu and Zn) introduced into the Cr bath by the dissolving of
the layer are of the order of 4 mg./sq. dm. of the surface to
be Cr plated, and they do not interfere. From C.E. 1958.
11374 Edgar Hemmert

COUNTRY : POLAND
CATEGORY : Chemical Technology. Chemical Products and Their Applications. Electrochemical Industries. Electro-
ABS. JOUR. : RZhKhim., No 19 1959, No. 68479

AUTHOR : Schmidt, E.
INSTITUTE :
TITLE : Investigation of the Lustrous Copper Plating Method, Part I.
ORIG. PUB. : Prace Inst., mech., 1958, 6, No 23, 58-63

ABSTRACT : Presented is a brief review of lustrous copper plating methods. Electrolyte, having the following composition (in g/l) is recommended: Cu - 70, KCN_{free} - 19, KOH - 15, Na₂CO₃ - 22, KCNS - 4, sodium salt of 2 - isopropylbenzthiophenesulfonic acid - 0.1; temperature of the electrolyte of 70 - 75°, $D_K = 4 - 5 \text{ a/dm}^2$, pH of 10 - 10.5; the anode surface must be 1.5 times larger than that of the cathode. For the obtaining of good quality lustrous plating, objects being plated are anodized. Galvanic Cells.

Card: 1/2

COUNTRY :

ABS. JOUR. : RZhKhim., No 19, 1959, No. 68479

AUTHOR :
INSTITUTE :
TITLE :

ORIG. PUB. :

ABSTRACT : moved slowly in a bath from side to side. The electrolyte has a long life (30 amp-hrs/l) and can be easily regenerated. Effect of various factors on the quality of plating was investigated. The bibliography covers 23 titles. -- V. Levison

Card: 2/2

KNIAZKOWSKI, Egoniew; SEMINT, Konrad

Studies on bright nickel electroplating with a high leveling effect. Inst. mat. przem. 12 no.46:34-48 '64.

SZMIDT, W.

How the District Committee of Poultry and Egg Producers in Nowy Targ works, p. 5.
(PRZEGLAD JAJCZARSKO DROBIARSKI, Warszawa, Vol. 1, no. 8, Aug. 1953.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955,
Uncl.

POLAND/Chemical Technology. Chemical Products and
Their Uses. Part III. Food Industry.

H

Abs Jour : Ref Zhur-Khimiya, No 15, 1958, 51824

Author : Szmidt, Wojciech

Inst : -

Title : Novel Methods of Flour Packaging and
Shipment.

Orig Pub : Przegl. piekarn. cukier., 1957, 5, No 11,
9-13

Abstract : Flour shipping in aluminum containers which
may be loaded and unloaded mechanically as
well as in trucks and railroad tank cars,
was described. -- Z. Fabinskiy

Card : 1/1

Abs Jour: Ref Zhur-Biol., No 13, 1958, 56371

Author : Szmidt, W.

Inst : Not given

Title : European Cedar as a Forgotten Wood Species

Orig Pub: Las polski, 1957, 31, No 17, 4-6

Abstract: The outstanding commercial and economic value of
Pinus cembra L is stressed. Its basic bio-ecological
uses are described. Recommendations on techniques for growing this tree and for its cultivation
in Poland are given.

Card 1/1

/2

COUNTRY	: POLAND	II
CATEGORY	: Chemical Technology. Chemical Products and Their Applications. Food Industry	
ABS. JOUR.	: AZKhim., no. 23 1959, no: 88848	
AUTHOR	: <u>Szmidt, F.</u>	
INST.	: -	
TITLE	: Particle Size of Flour and Its Effect on the Quality of Dough	
ORIG. PUB.	: Przegl. zboz.-mlynski, 1959, 3, No 1, 29	
ABSTRACT	: Proved is the necessity of applying different methods of dough preparation depending on the particle size of flour.--Z. Fabinskiy	
CARD:	1/1	

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001754520010-6"

KALINSKI, Boleslaw, DANILO, Zbigniew

Building industry at the Leipzig Spring Fair in 1961.
Przegl budowl i bud mieszk 23 no.8:495-498 Ag'61.

SZMIDTGAL, Eugeniusz; KOBYLINSKA, Bogumila

Studies on the washing properties of soaps made from synthetic
fatty acids. Przem chem 43 no. 2: 101-104 F '64.

1. Zaklad Srodkow Powierzchniowo-Czynnych, Instytut Chemii
Ogolnej, Warszawa.

CH

Production of soap. R. Skindtgård. *Præmyrl Chem.*
of 20, 229-30(10.71). — The methods used to produce various
types of soap are described. Frank Comet

TECHNIQUE, Ewentusz

TECHNIQUE, Ewentusz

Technika prania tkaniny. Warszawa, Państwowe Wydawn. Techniczne, 1952
113 p. [Technique of Washing Linen. Illus.]

30: Monthly List of East European Accessions, Library of Congress, Vol. 2, No 10,
October 1953. Unclassified.

Szmidtgal, E.

6183

665(075.3)

* Prolic J., Słepniewski L., Szmidtgal E., Zyss B. The Technology
of Fats. Part 1.

„Technologia tłuszczy”. Cz. 1. Warszawa, 1854, Wyd. Przem. Lek.
i Spoż., 16^o, 279 pp., 102 figs., 19 tabs.

Deals with the chemistry of fats. The first part contains sections
relating to: general information; production of animal and fish fats,
and waxes; treatment of oleaginous seed; purification and refining of
fats, and hardening of fats.

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SZYTDTGAL, E.

Different washing agents of a hydrocarbon basis. p. 157. (PRZEMYSŁ CHEMICZNY, Vol. 10, No. 3, Mr. 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

SZMIDTGAL, E.

"Colloidal Aggregation of Surface Active Substances and Its Influence on
Washing Effect." P. 234. (PRZEMYSŁ CHEMICZNY, Vol. 10, No. 5, May, 1954,
Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4,
No. 1, Jan. 1955 Uncl.

SZMIDTGAL, EUGENUSZ

Srodki piorace

Warszawa, Poland, Wydawn. Przemyslu Lekkiego i Spozywczego, 1955. 399 p.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 9, September 1959.
Uncl.

C/S SZ.MIDTOWA, L.

16

*Continuous fermentation. Lidia Smidtowa. — *Pismy/*
Rolny i Spożywczy 4, 15-18 (1950) (in Polish). — A review.
W. Szvbalski*

SZMIDTOWNA, B.

Chemical Abst.
Vol. 48 No. 9
May 10, 1954
Soils and Fertilizer.

The influence of ammoniated peat on yields of cabbage.
P. Majewski, A. Maksimow, and H. Szmidtowna. *Recenki Nauk Rolniczych* 66, Ser. A, No. 1, 51-65 (1952). The influence of high raw peat with degree of decompr. of approx. 15% was neg. on crop yields of cabbage (var. Anagri). Low peats with degrees of decompr. of 50% (slightly decompr.) and 90% (highly decompr.) had no observable influence. Transitional peat with a degree of decompr. of 70% had a pos. influence. The action of ammoniated peat on the yields of cabbage depended on the kind of peat used. N absorbed from high and transitional peats acted almost as well as the N derived from $(\text{NH}_4)_2\text{SO}_4$. The action of N absorbed from both low peats was greater than that from $(\text{NH}_4)_2\text{SO}_4$. A definite correlation was found between crop yield and the amount of N absorbed. The N of raw peat, with the exception of the transitional peat, was found to be useless for the plants. Raw peat reacted unfavorably upon the absorption of N from $(\text{NH}_4)_2\text{SO}_4$. The utilization of N absorbed in high and transitional ammoniated peat was approx. the same as that of $(\text{NH}_4)_2\text{SO}_4$ in the presence of peat. The utilization was less than in the case of $(\text{NH}_4)_2\text{SO}_4$ alone. The N absorbed in ammoniated low peats was more readily utilized than that in $(\text{NH}_4)_2\text{SO}_4$ alone. All expts. were carried out in test pots on a sandy podzol deficient in N. The three combinations of peat used were raw peat, raw peat with 1.4 g. of N (per pot) in the form of $(\text{NH}_4)_2\text{SO}_4$, and ammoniated peat in such quantities that the amt. of absorbed N was equal to 1.4 g. of N per pot. E. G. J.

L 23103-65 EWT(m)/EWP(b)/EWP(t) DIAAP/IJP(c) JD
ACCESSION NR: AP5003195 G/0030/65/008/001/0105/0114

AUTHOR: Bubakova, R.; Szmid, Z.

TITLE: Proton bombardment damage in silicon

SOURCE: Physica status solidi, v. 8, no. 1, 1965, 105-114

TOPIC TAGS: proton bombarded silicon, silicon lattice parameter, silicon crystal structure, proton bombarded silicon structure, proton bombarded silicon lattice

ABSTRACT: The aim of this investigation was to determine the effect of proton irradiation on the lattice parameters and crystal structure of Si. A monocrystal silicon plate about 10 mm thick was grown by spin-pulling in the [111] direction by the Chokhral'skiy method. The plate was ground and polished parallel to the [111] plane to an accuracy of $\pm 0.5^\circ$. The back surface of the sample was water-cooled. The face of the plate was half covered by a copper plate; the other half was exposed to a beam of 6.5-Mev protons. The dose was about 1 to 2×10^{18} protons/cm². The x-ray photographs of the bombarded face show an increase of the lattice parameter ($\Delta a = + 3 \times 10^{-5}$ Å) and a

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ACCESSION NR: AP5003195 /

tilt (1.7") and band of the atomic planes with an effect somewhat similar to a dislocation edge. The angles between the normals of the atomic planes were determined from the intensity of the diffracted x-rays as a function of the angle around the vertical axis. A measurable deformation of the lattice planes and change of their distances was observed. The angle of the normals in the bombarded and unbombarded part was greatest in the plane perpendicular to the boundary between them, and smallest in the plane parallel to the boundary. The lattice parameter increased as a result of irradiation. Some defects were produced in the diamond-type structure as indicated by a diffraction from the (222) planes, which is absent in a perfect silicon structure. Orig. art. has: 7 figures and 2 tables. [FP]

ASSOCIATION: Institute of Solid State Physics, Czechoslovak Academy of Sciences, Prague; Institute of Nuclear Research, Warsaw.

SUBMITTED: 09Sep64 ENCL: 00 SUB CODE: SS, NP
NO REF Sov: 000 OTHER: 005 ATD PRESS: 3173

Card 2/2 .

SZMIELEW, B.

"Our tasks in 1953." p. 1. (Przeglad Geodezyjny. Vol. 9, no. 1, Jan. 1953.
Warszawa.)

SO: Monthly Lists of East European Accessions, Vol. 3, No. 2, Library of Congress.
Feb. 1954, Uncl.

SZMIELEW, B.

"Summing up the discussion." p. 42
"A report on the conference," p. 42
(Przeglad Geodezyjny, Vol 9, No 2, Feb 1953, Warszawa)

2 9 Sept 53
SO: Monthly List of East European Ecessions, Vol 1, No 2, Library of Congress ~~XXXXX~~ Unclassified

SATIELEN, B.

"Organizational Problems of Geodetic Production." p. 33 (Przeglad Geodezynjy.
Vol. 10, no. 2, Feb. 1954, Warszawa.)

Vol. 3, no. 6

SO: Monthly List of East European Accessions./Library of Congress, June 1954, Uncl.

SZMIELEW, B.

"Reduction of Production Costs is the Paramount Task of Government Geodetic Enterprises." P. 97, (PRZEGLAD GEODEZYJNY, Vol. 10, No. 4, Apr. 1954. Warszawa, Poland.)

SO: Monthly List of East European Acquisitions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

SKARZYNSKI, W.

"Tasks of the State Geodetic and Cartographic Service in Realizing Great
Borowic Plan in the Line of Resolutions of the 2d Congress of the
Polish United Workers Party," p. 134, (PIĘCIAK WĘDŁĘŻYK, Vol. 10, NO. 6
June 1951, Warsaw, Poland)

SD: "Montly List of East European Accesions," (EML), LC, Vol. 3, No. 12,
Dec, 1951, Uncl.

SWIĘTECKI, R.

"The Conference of Active Polish Surveyors and the Conference of Delegates of the Polish Association of Land Surveyors," p. 149, (PRZESŁUCHANIA, Vol. 10, No. 1, June 1954, Warsaw, Poland.)

SO: Monthly List of East European Accessions, (EEL), EC, Vol. 3, No. 12, Dec. 1954, Uncl.

SKOPJE, ...

"Pleas, Conclusions, and Wishes of Working Committees of the 3rd Conference
of Delegates of the Polish Association of Land Surveyors," p. 175, (PRZEWODNIK
ZM. 1931, Vol. 10, N. 4, June 1931, Warsaw, Poland)

SO: Monthly List of East European Accessions, (EWA), 12, Vol. 3, No. 12,
Dec. 1931, Phil.

SZMIELEW, Borys

The principal tasks of the Polish geodesy are: improvement of
the quality of the techniques and better labor organization.
Przegl geod 32 no.7:229-233 J1 '60.

1. Prezes Głównego Urzędu Geodezji i Kartografii, Warszawa

S/035/62/000/001/019/038
A001/A101

AUTHOR: Szmielew, B.

TITLE: Tasks in the region of geodesy and cartography for 1961-1965

PERIODICAL: Referativnyy zhurnal. Astronomiya i Geodeziya, no. 1, 1962, 1,
abstract 1G2 ("Przegl. geod.", 1961, v. 33, no. 7, 245-249, Polish)

TEXT: Information is given that in Poland in 1955-1960 the compilation of a map on the 1:25,000 scale was completed for the entire territory of Poland and the work was developed in compiling photoplans and maps on the 1:5,000 scale. This work will continue in 1961-1965, and a particular attention will be paid to speeding-up the processes of compiling and publishing the maps. The publishing of various maps, in the first place reference maps, maps of towns and railroads, and school maps, will be extended. The author considers the problems connected with organization of geodetic work, improving the qualifications of specialists, their training and organization of labor, introduction into practice of geodetic and cartographic works of the most modern technique and methods. ✓

D. K.

[Abstracter's note: Complete translation]

Card 1/1

SZMIELEW, Borys, mgr., inz.

Problems connected with the quality of geodetic and cartographic activities. Przegl. geod 34 no.2:45-46 '62.

J. Prezes Glownego Urzedu Geodezji i Kartografii.

8/035/62/000/012/038/064
A001/A101

AUTHOR: Szmielew, Borys

TITLE: Technical progress in the state geodetic service

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 12, 1962, 5,
abstract 12G27 ("Przegl. geod.", 1962, v. 34, no. 7, 288 - 292,
Polish)

TEXT: This is the report of the chairman of the Poland Main Administration of Geodesy and Cartography at the 16th Congress of the Society of Polish Geodesists, read on April 8, 1962. All geodetic works carried out on the territory of the country must be coordinated. In implementing this, geodetic bureaus of regional and municipal people's councils play important role, since they possess archives of cartographic-geodetic materials. Organizations of geodetic service must utilize to the highest degree the results of already completed surveys, which will reduce new field geodetic works. Introduction of aerial photosurvey is the basis of technical progress in geodesy practice. Mechanization of land registration is extended by employing computers. Conversion to the reflex method of matrix manufacture and introduction of diffusion method of preparing copies of geodetic materials are steps forward. Methods of speeded per-

Card 1/2

Technical progress in the state geodetic service

S/035/62/000/012/038/064

A001/A101

formance of data processing should be elaborated. Activities of the Research Institute of Geodesy and Cartography in Warsaw are of great importance for improving geodetic practice. At the present time, the Institute solves the problems important for both the state service and departmental geodetic services. The Bureau of technical and economic information of the Institute serves to all geodetic enterprises, independent of their departmental associations. Technical progress in geodetic practice calls for a permanent improvement of personnel. In this respect cooperation of the Main Administration of Geodesy and Cartography with the Society of Polish Geodesists is fruitful, as the latter already organized a scientific-technical conference on the problems of technical progress in geodesy and cartography.

N. Modrinskiy

[Abstracter's note: Complete translation]

Card 2/2

SZMIELEW, Borys, mgr inż.

Trends and possibilities of technical progress in geodesy.
Przegl. geod. 35 no. 7:275-279 Jl '63.

1. Prezes Głównego Urzędu Geodezji i Kartografii, Warszawa.

POLAND

SZMIELEW, Borys, mgr inż.

Chairman of the Main Administration of Geodesy and Cartography
(Prezes Głównego Urzędu Geodezji i Kartografii)

Warsaw, Przegląd geodezyjny, No 7, July 1966, pages 250-253

"On further technical and economic progress in the modernization
of geodetic production."

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APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001754520010-6"

SZMIELEW, Wanda

* Borsuk, Karol, i Szanielew, Wanda. Podstawy geometrii. [The foundations of geometry.] Państwowe Wydawnictwo Naukowe, Warszawa, 1955. 363 pp. zł. 25.00.

This book deviates from other works with the same title both in content and in the extent to which details often omitted in other books are carried out.

It begins with an introduction on the history of the subject and on the very elements of point-set topology. The first four chapters are concerned with absolute geometry, in particular chapter I (pp. 23-74) with the axioms of incidence and order. As an example of a topic usually omitted we mention the topology of the plane obtained by defining the interiors of triangles as neighborhoods. A theorem like the following is at this stage not quite trivial: If a_1, a_2, a_3, a_4 are the vertices of a convex quadrangle and p is the intersection of its diagonals, then a_i has a neighborhood U_i such that for $a'_i \in U_i$ the quadrangle $a'_1 a'_2 a'_3 a'_4$ is convex and has its intersection of the diagonals in a preassigned neighborhood of p . Chapter II (pp. 74-112) treats the axioms of congruence. In Chapter III (pp. 113-158) we find the

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Karol Borsuk

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continuity axioms, Legendre's theorems on the angle sums of triangles, and a proof that the space is now metric and homeomorphic to E^2 or E^3 . Chapter IV (pp. 159-200) discusses models of absolute geometry and its non-categoricalness. Chapter V (pp. 201-213) outlines Euclidean geometry, whereas Chapter VI (pp. 214-273) treats hyperbolic geometry in great detail including the derivation of many of the more complicated formulae. Chapter VII (pp. 274-314) gives the foundations of plane and spatial projective geometry without continuity. The final Chapter VIII (pp. 315-346) deals with the continuity axioms of projective geometry and ends with a curiously detailed analysis of Hilbert's example for a non-Desargueian geometry. A detailed index follows.

An English edition of this book might well be an answer to the problem of how to acquaint young students with exact reasoning, presenting at the same time a coherent course.

H. Busemann (Los Angeles, Calif.).

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CIA-RDP86-00513R001754520010-6"

SZMIELEW, W. (Warszawa)

A new analytic approach to hyperbolic geometry. Fund mat 50 no.2:
129-158 '61.

(Geometry, Analytic)

DOLEZAL, M.; STARZYK, J.; SZMIGIEL, Z. (Krakow)

Peripheral blood picture in experimental toxoplasmosis in guinea pigs. Wiadomosci parazyty., Warsz. 2 no.5 Suppl:55-56. 1956..

1. Zaklad Mikrobiologii Lekarskiej AM i III Klinika Chorob Wewnetrznych AM.

(TOXOPLASMOSIS, experimental, leukocyte count in (Pol))

(LEUKOCYTE COUNT, in various diseases, exper. toxoplasmosis (Pol))

EXCERPTA MEDICA Sec 16 Vol 7/7 Cancer July 59

2668. **The migratory capability of normal and leukaemic leucocytes** Badania zdolności migracyjnej leukocytów prawidłowych i białaczkowych. SZMIGIEL Z. and SIERKO I. J. III. Klin. Chor. Wewn., Grottgera 14/2, Kraków *Haematologica* (Kraków) 1957, 1/2 (96-97)

Ten healthy persons and 10 patients with chronic granulocytic leukaemia were examined, using a modified Martin method. The migration during 12 hr. amounted on the average to 3.22 mm. for normal leucocytes and 1.92 mm. for leukaemic leucocytes.

SZMIGIEL, Zbigniew; DOLEZAL, Marian; KACZOROWSKA, Anna

Phagoctic index of leukemic inflammatory and normal granulocytes.
Polski tygod. lek. 12 no.12:434-437 18 Mar 57.

1. (Z III Kliniki Chorob Wewnętrznych A. M. w Krakowie; kierownik: prof. Dr. J. Aleksandrowicz, z Zakładu Mikrobiologii Lekarskiej A. M. w Krakowie; kierownik: prof. dr. Zdz. Przybylkiewicz oraz z Państwowego Instytutu Matematycznego P. A. N. we Wrocławiu; Kierownik: prof. Dr. H. Steinhaus) Adres: Krakow, ul. Kopernika 17 III Klin. Chor. Wewn. A. M.

(LEUKEMIA, blood in
phagocytic index of granulocytes (Pol))

(PHAGOCYTOSIS
phagocytic index of leukemic granulocytes (Pol))

ZBIGNIEW OSTERCZY; ZBIGNIEW SZMIGIEL

Ionizing radiations and leukemia with report of a personal case. Polski
tygod. lek. 13 no.44:1724-1727 3 Nov 58.

1. (z III Kliniki Chorob Wewnętrznych A. M. w Krakowie; kierownik: prof.
dr. J. Aleksandrowicz) Adres: Krakow, ul. Basztowa 4/3.

(RADIOTHERAPY, compl.

leukemia (Pol))

(LEUKEMIA, etiol. & pathogen.
radiother. (Pol))

HUCZEK-GLEBOCKI, Jerzy; OSTERCZY, Zbigniew; SZMIGIEL, Zbigniew; CICHOCKI,
Tadeusz

Acute erythroblastosis with degeneration into myeloblastic leukemia.
Pol. med. wewnet. 32 no.7:701-705 '62.

l. z III Kliniki Chorob Wewnetrznych AM w Krakowie Kierownik: prof.
dr J. Aleksandrowicz.
(BONE MARROW DISEASES) (LEUKEMIA MYELOCYTIC)

ALEKSANDROWICZ, Julian; OSTERCZY, Zbigniew; SZMIGIEL, Zbigniew

A rare case of thrombocytopenic hemorrhagic diathesis. Pol. med.
wewnet. 32 no.7:761-763 '62.

1. Z III Kliniki Chorob Wewnetrznych AM w Krakowie Kierownik:

prof. dr med. J. Aleksandrowicz.

(HEMORRHAGIC DIATHESIS) (CUSHING'S SYNDROME)
(ADRENAL CORTEX HORMONES) (VITAMIN B12) (ACETOPHENETIDIN)

SZMIGIEL, Zbigniew; POCHOPEN, Anna

The level of anti-Rh incomplete antibodies and the electrophoretic picture of blood proteins in immunised subjects. Pol. med. wewnet. 32 no.7:797-801 '62.

1. Z III Kliniki Chorob Wewnetrznych AM w Krakowie Kierownik: prof. dr med. J. Aleksandrowicz.
(RH FACTORS) (BLOOD PROTEIN ELECTROPHORESIS)
(BLOOD GROUP INCOMPATIBILITY)

SZMIGIEL, Zbigniew; KWIATKOWSKI, W.

Behavior of serum complement in some blood diseases. Pol. tyg.
lek. 19 no.27:1020-1022 6 Je'64

1. Z III Kliniki Chorób Wewnętrznych Akademii Medycznej w
Krakowie (kierownik: prof. dr. J. Aleksander Wicz) i II
Kliniki Chorób Wewnętrznych Akademii Medycznej w Krakowie
(kierownik: doc. dr. S. Kirchmayer).

MIKLASZEWSKA, Jadwiga, doc. dr.; DOLEZAL, Marian; SZMIGIEL, Zbigniew;
ORZECHOWSKA, Krystyna

Hemagglutination reaction in the detection of leukocyte anti-bodies. Pol. tyg. lek. 20 no.9:301-303 1 Mr'65.

1. Ze Szpitala im. St. Zeromskiego; Oddzial Wewnetrzny Nowa huta w Krakowie (kierownik: doc. dr. J. Miklaszewska); z Kliniki Chorob Zakaznych Akademii Medycznej w Krakowie (kierownik: prof. dr. Wl. Fejkiel) i z III Kliniki Chorob Wewnetrznych Akademii Medycznej w Krakowie (kierownik: prof. dr. J. Aleksandrowicz).

ALEKSANDROWICZ, J.; KUBATKO, E.; SZMIGIEL, Z.

Nitrogranulogen in the treatment of cases of optic nerve
diseases. Pol. tyg. lek. 20 no.40:1507-1508 40 '65.

1. Z Oddzialu Okulistycznego Szpitala Miejskiego im.
S. Zeromskiego w Nowej Hucie (Ordynator: dr. med. E. Kubatko)
i III Kliniki Chorob Wewnetrznych AM w Krakowie (Kierownik:
prof. dr. J. Aleksandrowicz).

FALKOWSKA, Zofia; SZMIGIELSKI, Michal; ZIELINSKA, Stefania

Electro-oculography and electro-nystagmography. Observations on the method and clinical use. Klin.oczna 31 no.4:373-380 '61.

1. Z Kliniki Okulistycznej AM w Warszawie Kierownik: prof. dr med. S. Altenberger Z Kliniki Neurologicznej AM w Warszawie Kierownik: prof. dr med. I. Hausmanowa.

(EYE) (NYSTAGMUS)

SZMIGIELSKI, Michal

Single-eye nystagmus problem. Klin. oczna 32 no.3:263-270 '62.

1. Z Kliniki Chorob Oczu AM w Warszawie Kierownik: prof. dr med.
S. Altenberger.
(NYSTAGMUS)

FALKOWSKA, Zofia; SZMIGIELSKI, Michal

On the problem of the electro-oculographic analysis and prismatic correction in congenital nystagmus. Klin. oczna 32 no.4: 327-330 '62.

1. Z Kliniki Chorob Oczu AM w Warszawie, Kierownik: prof. dr med. S. Altenberger. (NYSTAGMUS)

ALKOWSKA, Zofia; SZMIGIELSKI, Michal

Effect of illumination on the normal electroretinogram. Klin.
oczna 33 no.3/4:401-408 '63.

l. Z Centralnego Ośrodka Badawczego Kolejowej Służby Zdrowia
Dyrektor: dr med. E. Biskup Z Kliniki Chorob Oczu AM w Warszawie
Kierownik: prof. dr med. S. Altenberger.
(ELECTRORETINOGRAPHY) (LIGHT)

SZMIGIELSKI, Michal; SZULKIN, Emma; NAPIORKOWSKA, Wanda

Ocular disturbances after chloroquine. Pol. tyg. lek. 19
no.43:1646-1647 26 0 '64

1. Z Kliniki Chorob Oczu Akademii Medycznej w Warszawie
(Kierownik: prof. dr. St. Altenberger [deceased]) i z
Kliniki Chorob Wewnętrznych Instytutu Gruźlicy (Kierownik:
Prof. dr. B. Jochweds).

SZMIGIELSKI, Michał

Orbital pseudotumor. Klin. oczna 35 no.1:75-81 '65.

1. z Kliniki Chorob Oczu Akademii Medycznej w Warszawie
(Kierownik: prof. dr. med. S. Altenberger [deceased]).

SZMIGIELSKI, Stanislaw; LITWIN, Joanna

Granulocyte zinc content in normal subjects and in some hematological diseases. (Preliminary communication). Pol. arch. med. wewnet. 34 no.3:319-321 '64

1. Z Kliniki Hematologicznej Instytutu Hematologii w Warszawie; kierownik: prof. dr.med. W. Lawkowicz

SZMIGIELSKI, Stanislaw; LETWIN, Joanne

Zinc in human physiology and pathology. Postepy hig. med. dosw.
18 no.4:613-635 Jl-Ag '64

1. z Kliniki Hematologicznej Instytutu Hematologii w Warszawie
(Kierownik: prof. dr. W. Lewkowicz).

SZMIGIELSKI, Stanislaw; LITWIN, Joanna; ZUPANSKA, Barbara; KROLIKOWSKA, Irena

Histochemical studies on bone marrow and blood cells. Postepy hig. med. dosw. 19 no.1:1-76 Ja-F'65.

1. Z Kliniki Hematologicznej Instytutu Hematologii w Warszawie (Kierownik: prof. dr. W. Lawkowicz).

SZMIGIELSKI, Stanislaw; JELJASZEWICZ, Janusz; WILCZYNSKI, Jan

Activity of the rabbit leucocytic system during experimental staphylococcal infection. Med. dosw. mikrobiol. 17 no.3:193-201 '65.

1. Z Zakladu Biochemii Droboustrojow Instytutu Biochemii i Biofizyki Polskiej Akademii Nauk w Warszawie (Kierownik: prof. dr. E. Mikulaszek), z Zakladu Bakteriologii Panstwowego Zakladu Higieny w Warszawie (Kierownik: prof. dr. E. Wojciechowski) i Zakladu Mikrobiologii Lekarskiej AM w Warszawie (Kierownik: prof. dr. E. Mikulaszek).

SZMIJELSKI, Stanislaw; KORBECKI, Michal; JELJASZEWICZ, Janusz

Cytotoxic activity of staphylococcal anti-beta-hemolysin on KB cells. Med. dosw. mikrobiol. 17 no.3:203-206 '65.

1. Z Zakladu Mikrobiologii Lekarskiej AM w Warszawie (Kierownik: prof. dr. E. Mikulaszek) i Zakladu Bakteriologii Panstwowego Zakladu Higieny w Warszawie (Kierownik: prof. dr. E. Wojciechowski).

SZMIGIELSKI, Stanislaw

Some biochemical aspects of neoplastic diseases in the
light of the theory of "enzyme dropping". Wiad. lek. 18
no. 21:1653-1661 1 N ' 65.

1. Z Kliniki Hematologicznej Instytutu Hematologii w
Warszawie (Kierownik: prof. dr. med. W. Lawkowicz).

SZMIĘWSKI, J.

A new method for preparing dry mica condensers for the use in
high voltage impulse systems. Przem inst telekom prace 11 no.35:
31-32. '61.

L 46857-66 IJP(c) JAI

ACC NR: AP6034674

SOURCE CODE: HU/0005/66/000/005/0219/0224

AUTHOR: Holderith, Jozsef--Kholderit, Y.; Szmirnov, Nyikolai Ivanovits--Smirnov, N. I.

ORG: Holderith, Department of Chemical Technology, Eotvos Lorand University, Budapest (Eotvos Lorand Tudomanyegyetem, Kemial Technologial Tanszek); Szmirnov, Lensoviet Technological College, Leningrad

31

B

TITLE: Modelling of chemical reactors I

SOURCE: Magyar kemial folyoirat, no. 5, 1966, 219-224

TOPIC TAGS: chemical reactor, transport theory, differential equation system

ABSTRACT: [Authors' Hungarian summary] Following a brief discussion of the fundamental principles of the transport theory, the applicability of the theory of similitude in the physical modelling of reactors for the chemical industry is examined. The system of similitude invariants is derived from the differential equation-system set up with averaged (that is: measurable) quantities which describe the transport processes occurring in turbulent flows. It is demonstrated that, in the case of a quasi-homogeneous model, in systems which involve boiling, complete similitude can not be achieved and the presence of a partial (approximating) similitude can, at best, be determined afterwards (that is: following the physical realization of the systems). Orig. art. has: 14 formulas. JPRS: 36,862

SUB CODE: 07, 12 / SUBM DATE: 09Sep65 / ORIG REF: 007 / SOV REF: 008

Card 1/1

SZMIT, A.

SZMIT, A. Cost analysis of a prefabricated factory hall as compared with a factory hall built by orthodox methods. p. 21. Vol. 5, no. 9, Sept. 1956. BUDOWNICTWO PRZEMYSŁOWE, Warszawa, Poland.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

SZMIT, A.

"Monolithic reinforced-concrete constructions built without using wooden forms."

p. 16 (Budownictwo Przemysłowe) Vol. 6, no. 10, Oct. 1957
Warsaw, Poland

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

SZMIT, Andrzej, inz.

Pumice concrete and aggregates. Inst tech budow biul inf
no.11:12-15 '62.

1. Zaklad Technologii Zuzla, Instytut Techniki Budowlanej,
Warszawa.

BLACHNICKI, Bogdan; SZMIT, Andrzej (Katowice)

Cellular concrete from crushed blast furnace slag in
experimental buildings in mining regions. Przegl budowl
i bud mieszk 33 no.11:674-678 N '61.

SZMIT, Andrzej (Bytom)

Light insulation concrete from foamed slag. Przegl budowl i bud
mieszk 35 no.4:227-230 Ap '63.

Sept. 17, 1917

671 623.002.1

1989
Korczewski O., Szmit J. An Analysis of the Influence of Preliminary
Planning on the Output of the Saw Frame.

Analiza wpływu czasu trwania wstępnych czynności przełactnia na
wzrost masy trąbki. Sympoz. No. 3 (1971), s. 325-338, 2 figs.

In analysing job methods in two different industries, it has been found that the new operational position from a productional point of view is the same frame time. An analysis was made of some of the operations carried out by the same number of persons. It was found that the correlation between output and feed stand is fairly strong, the conclusion that the time of preliminary working is 10 seconds. It has been found that the efficiency of the six men in each found to be increased. After commencing operations in greater numbers, the plant will have the following characteristics: (a) the time of working is not proportional to the absolute efficiency of the plant, (b) the time of working is proportional to the efficiency of the plant, (c) the time of working is proportional to the number of workers.

approximately 1000 ft. in diameter. In addition, the soil of higher need species creates gaps both between logs, among trees, and among output in-

- 3-303 -

SZM
Szy

3690

674.031.12 : 674.5

Szmit J. Studies on the Material Output of Beech Timber.

„Badania nad wydajnością materiałową drewna bukowego”. Sylwan. No. 5, 1984, pp. 408–418, 9 tabs.

A description of experimental sawing of a consignment of beech raw material — first quality 7.1%, second quality 30.1%, third quality 62.8% — to obtain data, which can be compared with practical data, concerning qualitative and quantitative output. At a quantitative output of 76%, 15.3% of the total sawn lumber could be used for furniture laths. The output of laths in relation to the raw material was 38%. The experiment shows that lower quantity raw material could also be utilized for furniture laths, subject to proper sorting.

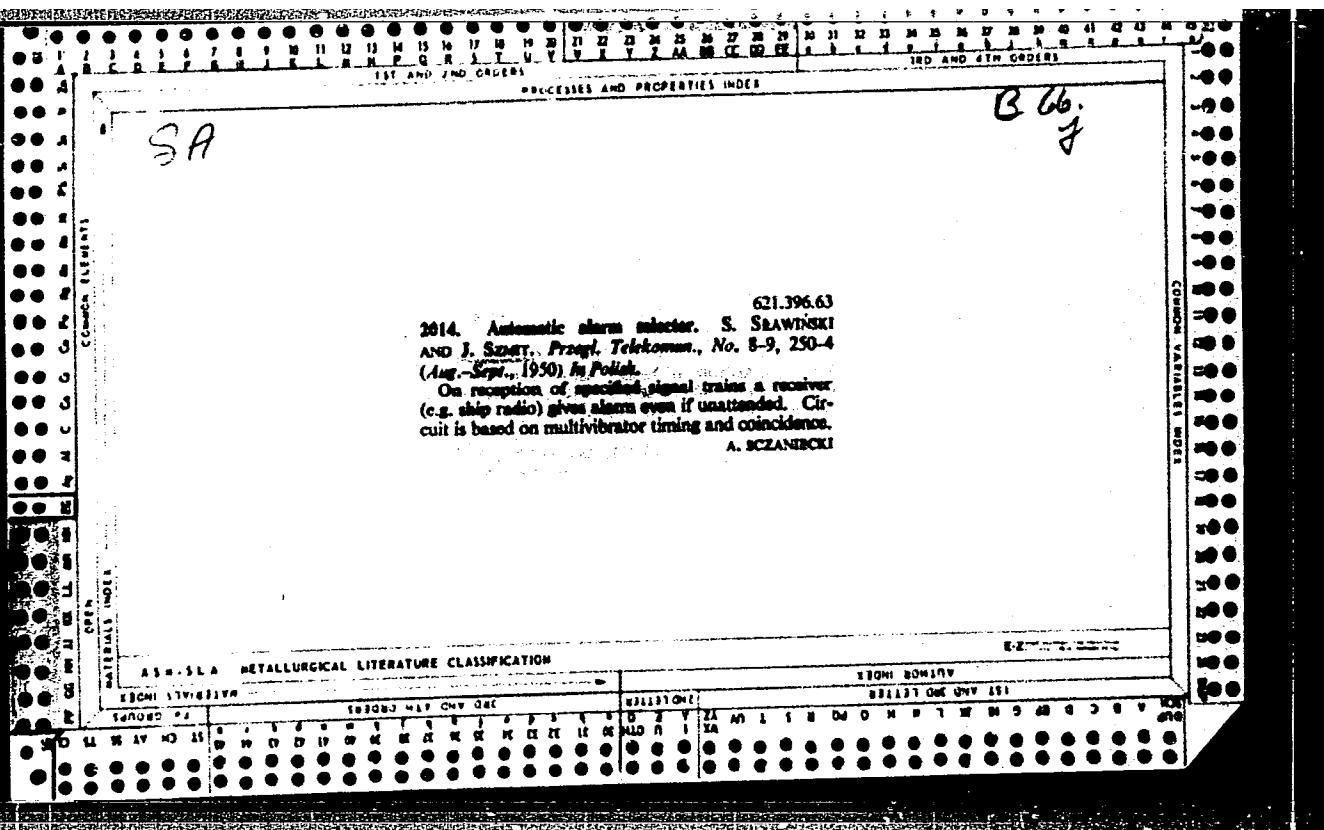
AG

GONET, Boleslaw; KRZYSIK, Franciszek; SZMIT, Jerzy

Preliminary studies on the influence of steaming upon the subsequent drying and impregnation of beech railway crossties. Sylwan 104 no.2:1-16 F '60.

GONET, Boleslaw; KRZYSIK, Franciszek; SZMIT, Jerzy

The fall-winter seasonal conversion and the subsequent course
of seasoning and impregnability of beech railway crossties.
Sylwan 104 no.4:1-9 Ap '60.



5521

621.314.212

* Jezierski E. Gogolewski Z. Kopczyński Z. Szmit J. Transformery,
Construction and Design.

"Transformatory. Budowa i projektowanie", Warszawa, 1956, PWT,
16°, 423 pp., figs., tabs.

Construction of oil power transformers and principles of design.
The sections concerned with over-voltages and heating of transfor-
mers are in considerable detail.

SZMET, J.

New standards for electric machines.

P. 31, (Przeglad Elektrotechniczny. Vol. 32, no. 1, Jan. 1956, Warszawa, Poland)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,
February 1958

SW. IR, J.

Cold-rolled iron sheets in building transformers. p. 85.

(ENERGETYKA. Vol. 11, No. 2, Mar./Apr. 1957. Warszawa, Poland)

SO: Monthly List of East European Accessions (EEA) LC. Vol. 6, No. 10, October 1957. Uncl.

SZMIT, Jerzy, mgr inż.; SZMIT, Julian, mgr inż.

Modern electric motors for the mining industry. Wiad elektrotechn 18
no.2:33-35 F '58.

1. Centralne Biuro Konstrukcyjne Maszyn Elektrycznych, Katowice

SZMIT, Jerzy, mgr inż.; SZMIT, Julian, mgr inż.

Modern electric motors for the mining industry. Wiad elektrotechn 18
no.2:33-35 F '58.

1. Centralne Biuro Konstrukcyjne Maszyn Elektrycznych, Katowice

Poland/Chemical Technology -- Chemical Products and Their Application. Silicates.
Glass. Ceramics. Binders, I-9

Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 1724

Author: Szmit, Z.

Institution: None

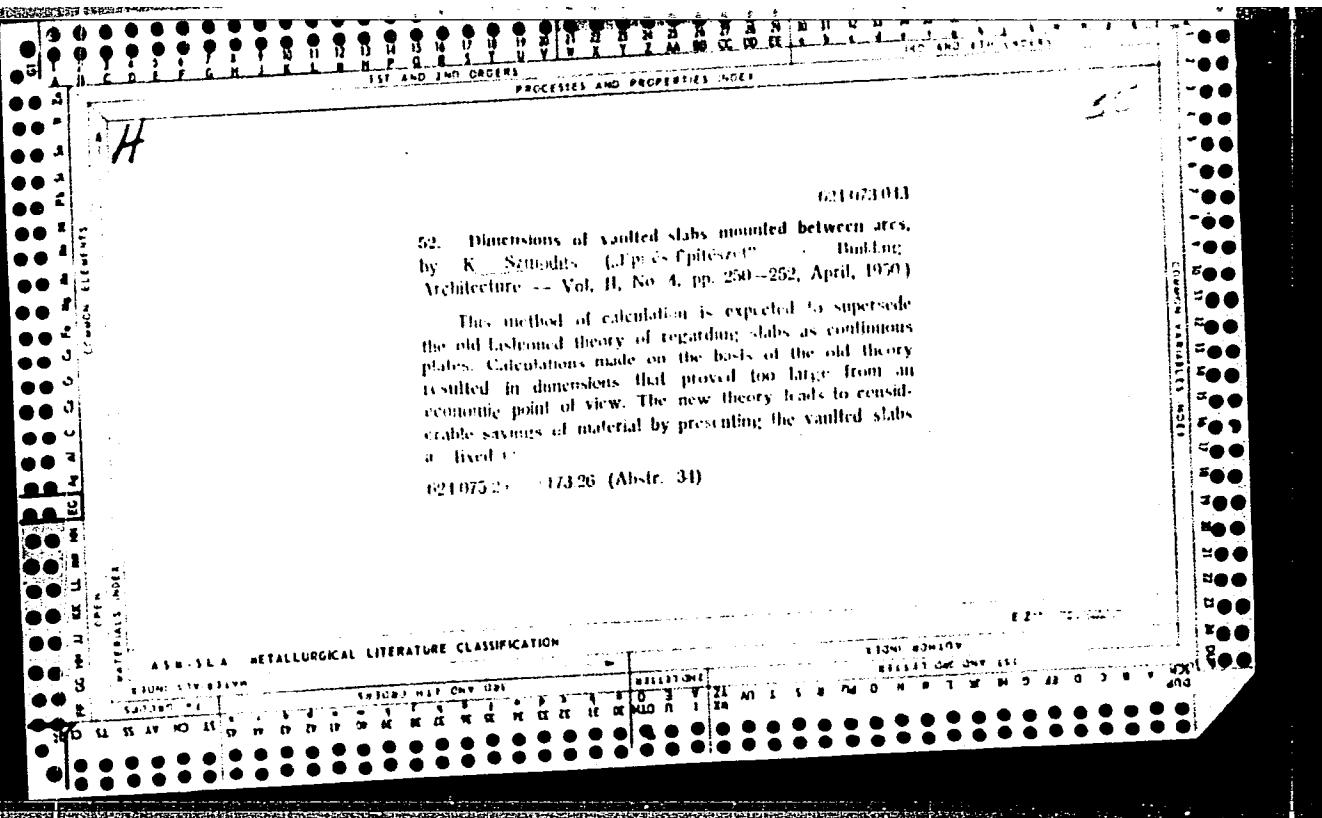
Title: Concrete Prepared by the Addition of Sulfite Liquor

Original

Periodical: Mater. budowl., 1956, Vol 11, No 6, 188-189; Polish

Abstract: The addition of sulfite-cellulose liquor to concrete increases its plasticity and improves the adhesion to the reinforcing steel. The hydrophilic properties of the concrete are inhibited, its setting and hardening are slowed down, shrinkage is reduced, water resistance is improved and the bulk density is decreased. Recommendations are made on the method of using sulfite liquor in concrete production.

Card 1/1



52 MOD, TG K

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Szmodits, K. Voiles minces sans poussée latérale construits sur des surfaces elliptiques. Acta aeronaut. Acad. Sci. Hungar. 13 (1962), 127-135. (Hungarian, English, and German summaries)

SZMIDITS, K.

Simplified numerical examination of elastic plates. p. 470.
(Melyepitestudomanyi Szemle, Vol. 6, no. 10/12, Dec. 1956. Budapest,
Hungary)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 9, Sept. 1957. Uncl.

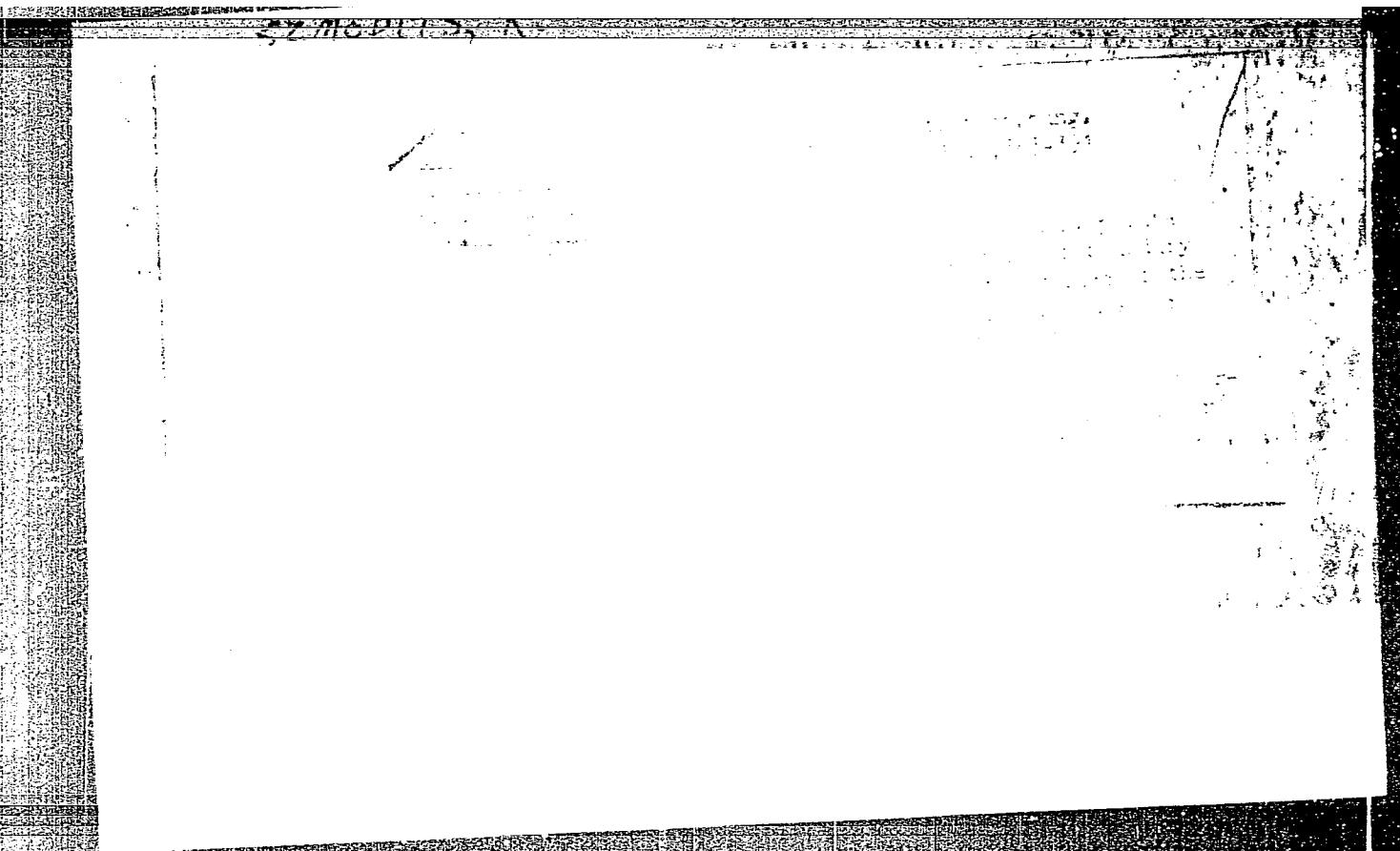
SZMIDITS. K.

Investigating the stability of frame structure in the case of rods
with a varying inertia momentum. p. 201 Vol. 19, No 1/3, 1956.
KOZLEMENEI. Budapest, Hungary.

SOURCE: East European List, (EHAL) Library of Congress Vol. 6, No. 1
January 1956.

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001754520010-6



APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001754520010-6"

SZMODITS, K.

Bending theory of flat spheric domes. p. 290.

MELYEPITESTUDOMANYI SZEMLE. (Kozlekedes- es Kozlekedesepitestudomanyi Egyesulet) Budapest, Hungary, Vol. 9, No. 6, June 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,
August 1959.
Uncla.

SZMODITS, Lazmer, Dr., a muszaki tudomanyok doktora

Opening address of the chairman of the conference on optical strain investigations. Meres automat 8 no.5:129-130 '60.

1. Elnök, optikai feszultsegvizsgalati anket.

74.4200

S/044/62/000/008/029/073
C111/C222

AUTHOR: Szmodits, K.

TITLE: Determination of limits in solutions of plate problems

PERIODICAL: Referativnyy zhurnal, Matematika, no. 8, 1962, 65-66,
abstract 8B296. ("Acta techn. Acad. scient. hung.", 1960,
29, no. 3-4, 245-290)TEXT: A development of the idea of Sindic (RZhMat, 1958, 1619 K) on
the estimation of the solutions of elliptic equations from above and below.
For the problem

$$\Delta \Delta u = p(x,y); u|_B = f, \frac{\partial u}{\partial n}|_B = g,$$

where B is the boundary of the plane domain \mathcal{V} , the integral

$$\int \left[\left(\frac{\partial^2 u}{\partial x^2} \right)^2 + 4 \left(\frac{\partial^2 u}{\partial x \partial y} \right)^2 + \left(\frac{\partial^2 u}{\partial y^2} \right)^2 \right] dy$$

Card 1/2

Determination of limits ...

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C111/C222

1B

is estimated. A numerical example is given.

[Abstracter's note: Complete translation.]

Card 2/2

SZMODITS, K., Doktor der technischen Wissenschaften

Investigation of spherical cupolas loaded by edge forces.

Acta techn Hung 44 no.3/4:339-346 '63.

1. Bauwissenschaftliches Institut, Budapest.

SZMODITS, Kazmer, a muszaki tudomanyok doktora

Distorted square shells without membrane reactions. Muszaki
kozl MTA 33 no.1/4:197-200 '64

SZMODITS, K., Doktor der technischen Wissenschaften

Disk dimensioning on the basis of permissible load. Acta techn
Hung 46 no. 3/4:371-389 '64.

1. Ungarisches Forschungsinstitut fur Hoch- und Tiefbau, Budapest.

SZMODITS, K., Doctor of Technical Sc.

Hyperbolic paraboloidal shells over polygonal plan. Acta
techn Hung 49 no.1/2:83-89 '64.

1. Building Research Institute, Budapest.

SZMODITS, K., docteur des sciences techniques

Simplified numerical solution of plate problems. Acta techn
Hung 48 no.3/4:231-239 '64.

l. Institut de Recherches Scientifiques et Techniques du
Batiment et de la Construction, Hongrie.

L 31344-66 EWT(d)/EWP(w)/EWP(v)/EWP(k) IJP(c) WH/EM
ACC NR: AT6021155 SOURCE CODE: HU/2504/65/050/000/0371/0376

AUTHOR: Szmodics, K.--Grudich, K. (Doctor of technical sciences) *S/*
ORG: Scientific Institute for Building, Budapest *B7/*

TITLE: Numerical investigation of membrane shells with rectangular plan *ju*

SOURCE: Academia scientiarum hungaricae. Acta technica, v. 50, 1965, 371-376

TOPIC TAGS: shell structure, shell theory

ABSTRACT: The numerical investigation of membranes with rectangular plan includes the determination of the grid values for a grid function that satisfies a non-homogeneous potential equation. This paper presents a reciprocity theorem and shows that with its aid and with the known relations between the ordinates of the grid function the solution for any inner point can be determined from the solution corresponding to a loaded point near the boundary. The application of the method was illustrated by a numerical example. Orig. art. has: 6 figures and 5 formulas. Based on author's Eng. abst. *J [JPRS]*

SUB CODE: 20 / SUBM DATE: 18Jul64

Card 1/1 *80*

ACC NR: AT6033132

SOURCE CODE: HU/2504/66/053/03-/0379/0387

AUTHOR: Szmodits, K.--Smodich, K. (Doctor of technical sciences)

27

ORG: Building Research Institute, Budapest

B-1

TITLE: Numerical study of a plate clamped on two opposite sides and freely supported on the two other sides

76

SOURCE: Academia scientiarum hungaricae. Acta technica, v. 53, no. 3-4, 1966, 379-387

TOPIC TAGS: thin plate, iteration

ABSTRACT: The method described is based on the generalization of the Goursat theorem to lattice functions. By applying this theorem and summarizing two known solutions, the solution for a plate rigidly fixed on two sides and freely supported on the two other sides can be derived. The conditions of constraint for the sides opposite to the fixed ones can be satisfied by a rapidly converging iteration of the summation of known solutions. Orig. art. has: 2 figures, 1 formula and 8 tables. [Based on author's Eng. abst.] [JPRS: 36,645]

SUB CODE: 13, 12 / SUBM DATE: 05Aug64 / ORIG REF: 001 / OTH REF: 001

Card 1/1

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SZMODITS, Zoltan

Remark about the article "Civil engineering and the state
and tasks of public works research" by Laszlo Egyedi, Ta-
mas Litvai and Sandor Kantor. Epits szemle 6 no.3:98 '62.

SZLODZINSKA, Irena; RADECKI, Aleksander

Early results of pulmonary resection in the treatment of
tuberculous patients secreting mycobacteria resistant to 3 or
or more drugs. Gruzlica 33 no.6:477-485 Je '65.

1. Z Kliniki Chirurgii Klatki Piersiowej Studium Doskonalenia
Lekarzy w Zakopanem (Kierownik: prof. dr. W. Rzepacki).

SZMĘJA, Zygmunt; SOWINSKI, Henryk

On Abrikosov's tumors (myoblastoma). Otolaryng. Pol. 19 no.2:
249-252 '65

1. Z Kliniki Otolaryngologicznej Akademii Medycznej w Poznaniu
(Kierownik: prof. dr. A. Zakrzewski).

SZMĘJA, Zygmunt; PRUSZEWICZ, Antoni; KRUK-ZAGAJEWSKA, Aleksandra

Local administration of cortison preparations in the treatment
of paralysis of the facial nerve of Bell's type. Otolaryng. Pol.
19 no.2:187-190 '65.

1. z Kliniki Otolaryngologicznej Akademii Medycznej w Poznaniu
(Kierownik: prof. dr. A. Zakrzewski).

HUBER, Zdzislaw; PRUSZEWICZ, Antoni; SZMĘJA, Zygmunt; BIAŁEK, Edmund

Studies on smell, taste, hearing, balance, vision and surface
sensation after anterior temporal lobectomy. Neurol. neurochir.
psychiat. Pol. 15 no.3:475-480 My-Je '65.

1. Z Kliniki Neurochirurgii AM w Poznaniu (Kierownik: doc. dr.
med. H. Powiertowski) i z Kliniki Otolaryngologicznej AM w
Poznaniu (Kierownik: prof. dr. med. A. Zakrzewski).

SZMELICH, Wiktor

Yeast selection for the production of Grodzisk beer. Acta
microbiol. Pol 13 no. 3:255-266 '64.

1. From the Grodzisk Brewery Laboratory, Grodzisk Wlkp.